

## 4.0 DESCRIPTION OF THE DECEMBER 14, 2005 INCIDENT

During the early morning hours, around 5:00 AM, the northwest corner of the Dike around the Upper Reservoir breached over a width of about 700 feet, causing an uncontrolled, rapid release of water down the west slope of Profitt Mountain and into the East Fork of the Black River. An overall aerial view of the flow path is shown on *Figure 2-1*. The following series Figures (*Figures 4-1 to 4-6*) provide a photographic description of the incident.



**FIGURE 4-1**

**OVERALL VIEW OF THE BREACHED DIKE**



**FIGURE 4-2**  
**CLOSE UP VIEW OF WEST SIDE OF BREACH AREA**



**FIGURE 4-3**  
**CLOSE UP VIEW OF EAST SIDE OF BREACH AREA**





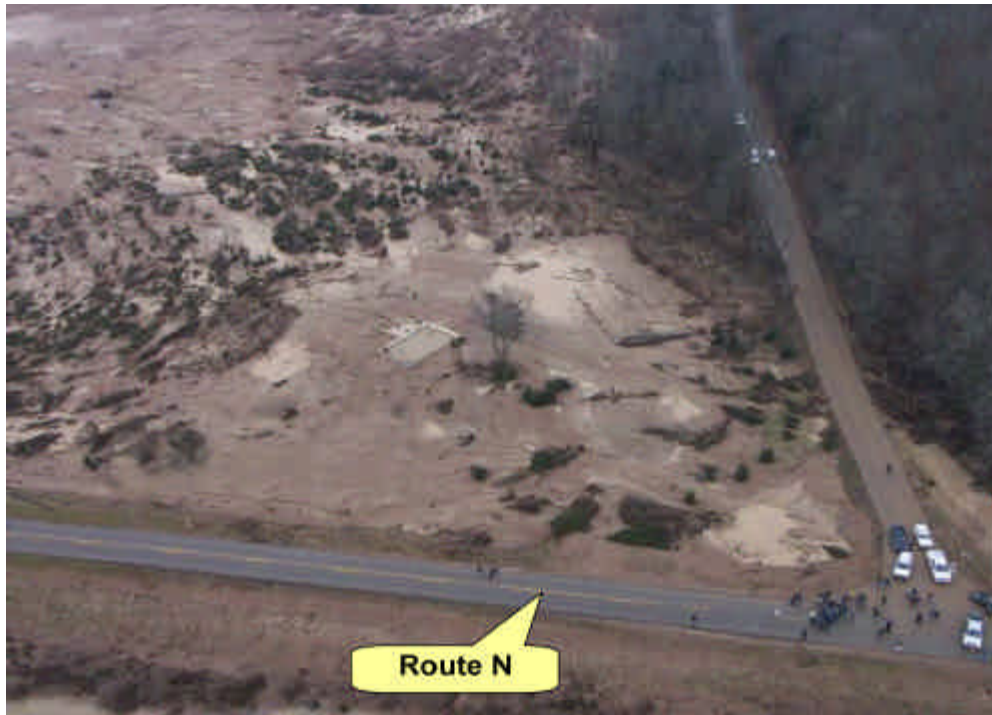
**FIGURE 4-4**

**VIEW FROM INSIDE UPPER RESERVOIR TOWARDS FLOW CHANNEL**



**FIGURE 4-5**

**VIEW LOOKING NORTH AT FLOW CHANNEL**



**FIGURE 4-6**

**VIEW OF FLOW CHANNEL AND ROUTE N**

The release of water destroyed a private residence, flooded Route N, and caused property and environmental damage to Johnson’s Shut-Ins Campground. There were no fatalities. It is the purpose of this Report to document the results of a forensic investigation into the root cause of the event. For purposes of this Report, the Event is defined as the ***“uncontrolled, rapid release of water from the Upper Reservoir.”*** It is the objective of the investigation reported herein to establish the root cause of this Event.